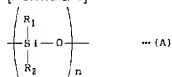


CLAIMS

[Claim(s)]

[Claim 1] In an image forming device further transferred on the 2nd picture support after transferring a picture formed on the 1st picture support on an intermediate transfer body, An image forming device containing a straight-chain-shape silicon compound which has the structure where this intermediate transfer body has a layer more than two-layer, and have the coating layer formed of coating on the bottom of the heap of the layers more than two-layer [this], and this coating layer is expressed with a following general formula (A) at least.

[Formula 1]

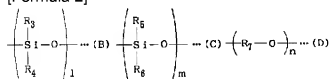


(R_1 and R_2 express an alkyl group, may be respectively the same, or may differ from each other, and may have other arbitrary substituents in part.) n is a positive integer.

[Claim 2] The image forming device according to claim 1 with which a coating layer by which coating is carried out on said bottom of the heap consists of a layer more than two-layer, and a coating layer right above this bottom of the heap contains said straight-chain-shape silicon compound.

[Claim 3] The image forming device according to any one of claims 1 to 2 with which said straight-chain-shape silicon compound has the structure which combined two or more sorts in a following general formula (B), (C), and (D) at least.

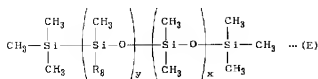
[Formula 2]



(R_3 , R_4 , R_5 , R_6 , and R_7 express an alkyl group, may be respectively the same, or may differ from each other, and may have other arbitrary substituents in part.) l , m , and n are positive integers.

[Claim 4] The image forming device according to claim 3 whose straight-chain-shape silicon compound which has said structure which combined two or more sorts in a general formula (B), (C), and (D) at least is organic denaturation dimethylpolysiloxane expressed with a following general formula (E).

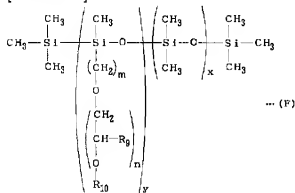
[Formula 3]



(R₈ expresses the organic group chosen from an alkyl group, an aralkyl group, and a polyester group.) x and y are positive integers.

[Claim 5]The image forming device according to claim 4 in which said organic denaturation dimethylpolysiloxane is polyether denaturation dimethylpolysiloxane expressed with a following general formula (F).

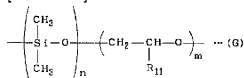
[Formula 4]



(R₉ expresses H or CH₃ and R₁₀ expresses an alkyl group, and it may be respectively the same, or may differ, and may have other arbitrary substituents in part.) x, y, n, and m are positive integers.

[Claim 6]The image forming device according to claim 3 whose straight-chain-shape silicon compound which has said structure which combined two or more sorts in a general formula (B), (C), and (D) at least is a dimethylpolysiloxane polyalkylene oxide copolymer expressed with a following general formula (G).

[Formula 5]



(R₁₁ expresses H or CH₃.) n and m are positive integers.

[Claim 7]The image forming device according to any one of claims 1 to 6 whose content of said straight-chain-shape silicon compound is less than 5 % of the weight of 0.001 % of the weight or more to solid content of a paint binder of a coating layer which this straight-chain-shape silicon compound contains.

[Claim 8]The image forming device according to any one of claims 1 to 7 in which said bottom of the heap is an elastic layer.

[Claim 9]The image forming device according to any one of claims 1 to 8 which is 40 to 200 % of the weight to solid content of a paint binder of a coating layer which said coating layer contains a high resistance quantity lubricity granular material, and this high resistance quantity lubricity granular material contains in content of this high resistance quantity lubricity granular material.